

Substitute Form PTO-1449
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Patent and Trademark OfficeAttorney's Docket No.
07917-180001Application No.
10/686,491**Information Disclosure Statement
by Applicant**

(Use several sheets if necessary)

Applicant
Tupler et al.Filing Date
October 14, 2003

Group Art Unit

(37 CFR §1.98(b))

U.S. Patent Documents

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	A1						

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation
	B1						Yes No

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
SS	C1	Bauer et al., "Adenine nucleotide translocase-1, a component of the permeability transition pore, can dominantly induce apoptosis," J. Cell Biol. 27:1493-502 (1999)
SS	C2	Bennett et al., "Susceptibility to human type 1 diabetes at <i>IDDM2</i> is determined by tandem repeat variation at the insulin gene minisatellite locus," Nat. Genet. 9:284-92 (1995)
SS	C3	Blair et al., "A transcript map encompassing a susceptibility locus for bipolar affective disorder on chromosome 4q35," Mol. Psychiatry, 7:867-73(2002)
SS	C4	Chung et al., "Characterization of the chicken β -globin insulator," Proc. Natl. Acad. Sci. USA 94:575-80 (2002)
SS	C5	Clark et al., "Analysis of the organisation and localisation of the FSHD-associated tandem array in primates: implications for the origin and evolution of the 3.3 kb repeat family," Chromosoma 105:180-89 (1996)
SS	C6	Dorner and Schultheiss, "The myocardial expression of the adenine nucleotide translocator isoforms is specifically altered in dilated cardiomyopathy," Herz 25:176-80 (2000)
SS	C7	Dunger et al., "Association of the INS VNTR with size at birth. ALSPAC study team. Avon longitudinal study of pregnancy and childhood," Nat. Genet. 19:98-100 (1998)
SS	C8	Gabriels et al., "Nucleotide sequence of the partially deleted D4Z4 locus in a patient with FSHD identifies a putative gene within each 3.3 kb element," Gene 236:25-32 (1999)
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SS	C11	Hsu et al., "Application of chromosome 4q35- qter marker (pFR-1) for DNA rearrangement of facioscapulohumeral muscular dystrophy patients in Taiwan," J. Neurol. Sci. 149:73-79 (1997)
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SS	C14	Krontiris et al., "An association between the risk of cancer and mutations in the HRAS1 minisatellite locus," N. Engl. J. Med. 329:517-23 (1993)
SS	C15	Lehming et al., "Chromatin components as part of a putative transcriptional repressing complex," Proc. Natl. Acad. Sci. USA 95:7322-26 (1998)

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Date Considered

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SS	C16	Lunt, "44th ENMC international workshop: facioscapulohumeral muscular dystrophy: molecular studies," Naarden, The Netherlands. Neuromuscul. Disord. 8:126-30 (1996)
SS	C17	Lunt et al., "Correlation between fragment size at D4F104S1 and age at onset or at wheelchair use, with a possible generational effect, accounts for much phenotypic variation in 4q35-facioscapulohumeral muscular dystrophy (FSHD)," Hum. Mol. Genet. 4:951-58 (1995)
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SS	C21	Pryde and Louis, "Limitations of silencing at native yeast telomeres," EMBO J. 18:2538-50 (1999)
SS	C22	Renaud et al., "Silent domains are assembled continuously from the telomere and are defined by promoter distance and by SIR3 dosage," Genes Dev. 7:1133-1145 (1993)
SS	C23	Ricci et al., "Progress in the molecular diagnosis of facioscapulohumeral muscular dystrophy and correlation between the number of KpnI repeats at the 4q35 locus and clinical phenotype," Ann. Neurol. 1999 Jun;45(6):751-7.
SS	C24	Sandri et al., "Caspase 3 expression correlates with skeletal muscle apoptosis in Duchenne and facioscapulo human muscular dystrophy. A potential target for pharmacological treatment?" J. Neuropathol. Exp. Neurol. 60:302-312 (2001)
SS	C25	Sarfrazi et al., "Regional mapping of facioscapulohumeral muscular dystrophy gene on 4q35: combined analysis of an international consortium," Am. J. Hum. Genet. 51(2):396-403 (1992)
SS	C26	Schulz et al., "Identification of nucleolin as a glucocorticoid receptor interacting protein," Biochem. Biophys. Res. Commun. 280:476-80 (2001)
SS	C27	Tawil et al., "Evidence for anticipation and association of deletion size with severity in facioscapulohumeral muscular dystrophy," The FSH-DY Group. Ann. Neurol. 39:744-748 (1996)
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SS	C29	Thomas and Travers, "HMG1 and 2, and related 'architectural' DNA-binding proteins," Trends Biochem. Sci. 3:167-174 (2001)
SS	C30	Thomas and Seto, "Unlocking the mechanisms of transcription factor YY1: are chromatin modifying enzymes the key?" Gene 236:197-208 (1999)
SS	C31	Tupler et al., "Monosomy of distal 4q does not cause facioscapulohumeral muscular dystrophy," J. Med. Genet. 33:366-70 (1993)
SS	C32	Tupler et al., "Profound misregulation of muscle-specific gene expression in facioscapulohumeral muscular dystrophy," Proc. Natl. Acad. Sci. USA 96:12650-54 (1999)
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SS	C34	van Geel et al., "The FSHD region on human chromosome 4q35 contains potential coding regions among pseudogenes and a high density of repeat elements," Genomics 61:55-65 (1999)
SS	C35	van Geel et al., "Identification of a novel beta-tubulin subfamily with one member (TUBB4Q) located near the telomere of chromosome region 4q35," Cytogenet. Cell Genet. 88:316-21 (2000)

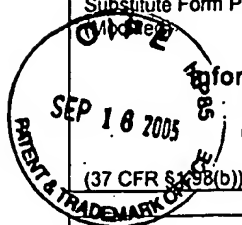
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SS	C36	Wijmenga et al., "Chromosome 4q DNA rearrangements associated with facioscapulohumeral muscular dystrophy," Nat. Genet. 2(1):26-30 (1992)
SS	C37	Winokur et al., "The DNA rearrangement associated with facioscapulohumeral muscular dystrophy involves a hetero-chromatin-associated repetitive element: implications for a role of chromatin structure in the pathogenesis of the disease," Chromosome Res. 2:225-34 (1994)
SS	C38	Xie et al., "Human hematopoietic cell specific nuclear protein MNDA interacts with the multifunctional transcription factor YY1 and stimulates YY1 DNA binding," J. Cell. Biochem. 70:489-506 (1998)
SS	C39	Yant et al., "High affinity YY1 binding motifs: identification of two core types (ACAT and CCAT) and distribution of potential binding sites within the human beta globin cluster," Nucleic Acids Res. 23(21):4353-62 (1995)
SS	C40	Ying et al., "Nucleolin, a novel partner for the Myb transcription factor family that regulates their activity," J. Biol. Chem. 275:4152-58 (2000)
SS	C41	Zatz et al., "High proportion of new mutations and possible anticipation in Brazilian facioscapulohumeral muscular dystrophy families," Am. J. Hum. Genet. 56:99-105 (1995)

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	AA						

Foreign Patent Documents or Published Foreign Patent Applications								
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							Yes	No
	AB							

Other Documents (include Author, Title, Date, and Place of Publication)		
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SS	AC	Padberg, "Faciocapulo humeral disease," M.D. Thesis, Leiden University, Leiden, The Netherlands (1982)

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